WORK - 3

Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

008-18-000042

2nd & Final

Bruhat Bangalore Mahanagara Palike

YELAHANKA ZONE-BYATARAYANAPURA DIVISION

Job Code :- 008-18-006042

Name of Agency :- K.BABU RAJU) M/S. KBR Infratech Limited.

Bill No :- Second and Final Bill

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 12/08/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
34	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork **excavation by manual means in ordinary** soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 142 / Item No. 19.1, PWD SR 2016-17**								
	Railway Gate Parallel Road								
	13th Main Road (From Railway Parallel Road)								
	Desilting								
	LHS								
	0.00	15.00	L/S	1	15.00	0.80	0.50	6.00	
	15.00	30.00	L/S	1	15.00	0.80	0.50	6.00	
	30.00	45.00	L/S	1	15.00	0.80	0.50	6.00	
	45.00	60.00	L/S	1	15.00	0.80	0.50	6.00	
	60.00	75.00	L/S	1	15.00	0.80	0.50	6.00	
	75.00	90.00	L/S	1	15.00	0.80	0.50	6.00	
	90.00	105.00	L/S	1	15.00	0.80	0.50	6.00	
	105.00	120.00	L/S	1	15.00	0.80	0.50	6.00	
	120.00	135.00	L/S	1	15.00	0.80	0.50	6.00	
	135.00	150.00	L/S	1	15.00	0.80	0.50	6.00	
	150.00	165.00	L/S	1	15.00	0.80	0.50	6.00	
	165.00	180.00	L/S	1	15.00	0.80	0.50	6.00	
	180.00	195.00	L/S	1	15.00	0.80	0.50	6.00	
	195.00	210.00	L/S	1	15.00	0.80	0.50	6.00	
	210.00	225.00	L/S	1	15.00	0.80	0.50	6.00	
	225.00	240.00	L/S	1	15.00	0.80	0.50	6.00	
	240.00	255.00	L/S	1	15.00	0.80	0.50	6.00	
	255.00	270.00	L/S	1	15.00	0.80	0.50	6.00	
	270.00	285.00	L/S	1	15.00	0.80	0.50	6.00	
	285.00	300.00	L/S	1	15.00	0.80	0.50	6.00	
	300.00	315.00	L/S	1	15.00	0.80	0.50	6.00	
	315.00	330.00	L/S	1	15.00	0.80	0.50	6.00	
	330.00	336.00	L/S	1	15.00	0.80	0.50	6.00	
	336.00	346.00	L/S	0	6.00	0.80	0.50	2.40	
	346.00	361.00	L/S	1	10.00	0.80	0.50	0.00	Cross Road
					15.00	0.80	0.50	6.00	

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	361.00	376.00	L/S	1	15.00	0.80	0.50	6.00	
	376.00	391.00	L/S	1	15.00	0.80	0.50	6.00	
	391.00	406.00	L/S	1	15.00	0.80	0.50	6.00	
	406.00	421.00	L/S	1	15.00	0.80	0.50	6.00	
	421.00	436.00	L/S	1	15.00	0.80	0.50	6.00	
	436.00	451.00	L/S	1	15.00	0.80	0.50	6.00	
	451.00	466.00	L/S	1	15.00	0.80	0.50	6.00	
	466.00	481.00	L/S	1	15.00	0.80	0.50	6.00	
	481.00	496.00	L/S	1	15.00	0.80	0.50	6.00	
	496.00	511.00	L/S	1	15.00	0.80	0.50	6.00	
	511.00	526.00	L/S	1	15.00	0.80	0.50	6.00	
	526.00	541.00	L/S	1	15.00	0.80	0.50	6.00	
	541.00	556.00	L/S	1	15.00	0.80	0.50	6.00	
	556.00	571.00	L/S	1	15.00	0.80	0.50	6.00	
	571.00	578.00	L/S	1	7.00	0.80	0.50	2.80	
	RHS								
	0.00	15.00	R/S	1	15.00	0.80	0.50	6.00	
	15.00	30.00	R/S	1	15.00	0.80	0.50	6.00	
	30.00	45.00	R/S	1	15.00	0.80	0.50	6.00	
	45.00	60.00	R/S	1	15.00	0.80	0.50	6.00	
	60.00	75.00	R/S	1	15.00	0.80	0.50	6.00	
	75.00	90.00	R/S	1	15.00	0.80	0.50	6.00	
	90.00	105.00	R/S	1	15.00	0.80	0.50	6.00	
	105.00	120.00	R/S	1	15.00	0.80	0.50	6.00	
	120.00	135.00	R/S	1	15.00	0.80	0.50	6.00	
	135.00	150.00	R/S	1	15.00	0.80	0.50	6.00	
	150.00	158.00	R/S	1	8.00	0.80	0.50	3.20	
	158.00	168.00	R/S	0	10.00	0.80	0.50	0.00	Cross Road
	168.00	183.00	R/S	1	15.00	0.80	0.50	6.00	
	183.00	198.00	R/S	1	15.00	0.80	0.50	6.00	
	198.00	213.00	R/S	1	15.00	0.80	0.50	6.00	
	213.00	228.00	R/S	1	15.00	0.80	0.50	6.00	
	228.00	243.00	R/S	1	15.00	0.80	0.50	6.00	

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Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	243.00	258.00	R/S	1	15.00	0.80	0.50	6.00	
	258.00	273.00	R/S	1	15.00	0.80	0.50	6.00	
	273.00	288.00	R/S	1	15.00	0.80	0.50	6.00	
	288.00	303.00	R/S	1	15.00	0.80	0.50	6.00	
	303.00	318.00	R/S	1	15.00	0.80	0.50	6.00	
	318.00	336.00	R/S	1	18.00	0.80	0.50	7.20	
	336.00	346.00	R/S	0	10.00	0.80	0.50	0.00	Cross Road
	346.00	361.00	R/S	1	15.00	0.80	0.50	6.00	
	361.00	376.00	R/S	1	15.00	0.80	0.50	6.00	
	376.00	391.00	R/S	1	15.00	0.80	0.50	6.00	
	391.00	406.00	R/S	1	15.00	0.80	0.50	6.00	
	406.00	421.00	R/S	1	15.00	0.80	0.50	6.00	
	421.00	436.00	R/S	1	15.00	0.80	0.50	6.00	
	436.00	451.00	R/S	1	15.00	0.80	0.50	6.00	
	451.00	466.00	R/S	1	15.00	0.80	0.50	6.00	
	466.00	481.00	R/S	1	15.00	0.80	0.50	6.00	
	481.00	496.00	R/S	1	15.00	0.80	0.50	6.00	
	496.00	511.00	R/S	1	15.00	0.80	0.50	6.00	
	511.00	526.00	R/S	1	15.00	0.80	0.50	6.00	
	526.00	541.00	R/S	1	15.00	0.80	0.50	6.00	
	541.00	556.00	R/S	1	15.00	0.80	0.50	6.00	
	556.00	571.00	R/S	1	15.00	0.80	0.50	6.00	
	571.00	578.00	R/S	1	7.00	0.80	0.50	2.80	
							Total Quantity	**450.40**	
							Quantity Limited to	**421.65**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 10/08/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
35	Removing and resetting of footpath slab **(P.No. 265, I.No. 37.56 of SR 2016-17).**								
	Railway Gate Parallel Road								
	13th Main Road (From Railway Parallel Road)								
	LHS								
	0.00	15.00	L/S	1	15.00		1.20	18.00	
	15.00	30.00	L/S	1	15.00		1.20	18.00	
	30.00	45.00	L/S	1	15.00		1.20	18.00	
	45.00	60.00	L/S	1	15.00		1.20	18.00	
	60.00	75.00	L/S	1	15.00		1.20	18.00	
	75.00	90.00	L/S	1	15.00		1.20	18.00	
	90.00	105.00	L/S	1	10.00		1.20	12.00	
	105.00	120.00	L/S	1	15.00		1.20	18.00	
	120.00	135.00	L/S	1	15.00		1.20	18.00	
	135.00	150.00	L/S	1	15.00		1.20	18.00	
	150.00	165.00	L/S	1	8.00		1.20	9.60	
	165.00	180.00	L/S	1	15.00		1.20	18.00	
	180.00	195.00	L/S	1	15.00		1.20	18.00	
	195.00	210.00	L/S	1	15.00		1.20	18.00	
	210.00	225.00	L/S	1	15.00		1.20	18.00	
	225.00	240.00	L/S	1	10.00		1.20	12.00	
	240.00	255.00	L/S	1	15.00		1.20	18.00	
	255.00	270.00	L/S	1	15.00		1.20	18.00	
	270.00	285.00	L/S	1	15.00		1.20	18.00	
	285.00	300.00	L/S	1	6.00		1.20	7.20	
	300.00	315.00	L/S	1	15.00		1.20	18.00	
	315.00	330.00	L/S	1	15.00		1.20	18.00	
	330.00	336.00	L/S	1	6.00		1.20	7.20	
	336.00	346.00	L/S	0	10.00		0.00	0.00	**Cross Road**
	346.00	361.00	L/S	1	15.00		1.20	18.00	
	361.00	376.00	L/S	1	15.00		1.20	18.00	
	376.00	391.00	L/S	1	15.00		1.20	18.00	
	391.00	406.00	L/S	1	10.00		1.20	12.00	
	406.00	421.00	L/S	1	15.00		1.20	18.00	
	421.00	436.00	L/S	1	15.00		1.20	18.00	
	436.00	451.00	L/S	1	8.00		1.20	9.60	
	451.00	466.00	L/S	1	15.00		1.20	18.00	
	466.00	481.00	L/S	1	15.00		1.20	18.00	
	481.00	496.00	L/S	1	10.00		1.20	12.00	

Verified 531.6

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 10/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	496.00	511.00	L/S	1	15.00		1.20	18.00	
	511.00	526.00	L/S	1	15.00		1.20	18.00	
	526.00	541.00	L/S	1	5.00		1.20	6.00	
	541.00	556.00	L/S	1	15.00		1.20	18.00	
	556.00	571.00	L/S	1	15.00		1.20	18.00	
	571.00	578.00	L/S	1	7.00		1.20	8.40	
	RHS								
	0.00	15.00	R/S	1	7.00		1.20	8.40	
	15.00	30.00	R/S	1	15.00		1.20	18.00	
	30.00	45.00	R/S	1	10.00		1.20	12.00	
	45.00	52.00	R/S	1	7.00		1.20	8.40	
	52.00	58.00	R/S	0	6.00		1.20	0.00	
	58.00	73.00	R/S	1	6.00		1.20	7.20	
	73.00	88.00	R/S	1	15.00		1.20	18.00	
	88.00	99.00	R/S	1	11.00		1.20	13.20	
	99.00	113.00	R/S	1	14.00		1.20	16.80	BS Slab
	113.00	119.00	R/S	1	6.00		1.20	7.20	
	119.00	143.00	R/S	1	24.00		1.20	28.80	BS Slab
	143.00	150.00	R/S	1	7.00		1.20	8.40	
	150.00	153.00	R/S	1	3.00		1.20	3.60	BS Slab
	153.00	158.00	R/S	1	5.00		1.20	6.00	
	158.00	168.00	R/S	0	10.00		1.20	0.00	Cross Road
	168.00	181.00	R/S	1	13.00		1.20	15.60	BS Slab
	181.00	189.00	R/S	1	8.00		1.20	9.60	
	189.00	193.00	R/S	0	4.00		1.20	0.00	Concrete
	193.00	201.00	R/S	1	8.00		1.20	9.60	
	201.00	216.00	R/S	1	8.00		1.20	9.60	
	216.00	224.00	R/S	1	8.00		1.20	9.60	
	224.00	228.00	R/S	1	4.00		1.20	4.80	BS Slab
	228.00	274.00	R/S	1	46.00		1.20	55.20	
	274.00	279.00	R/S	1	5.00		1.20	6.00	BS Slab
	279.00	280.00	R/S	1	1.00		1.20	1.20	
	280.00	285.00	R/S	1	5.00		1.20	6.00	BS Slab
	285.00	298.00	R/S	1	13.00		0.90	11.70	
	298.00	313.00	R/S	1	15.00		1.20	18.00	BS Slab
	313.00	323.00	R/S	1	10.00		1.20	12.00	BS Slab
	323.00	336.00	R/S	1	13.00		1.20	15.60	BS Slab
	336.00	346.00	R/S	0	10.00		1.20	0.00	Cross Road

426.9

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 10/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	346.00	349.20	R/S	1	3.20		1.20	3.84	
	349.20	352.80	R/S	1	3.60		1.20	4.32	BS Slab
	352.80	355.80	R/S	1	3.00		1.20	3.60	
	355.80	368.40	R/S	1	12.60		1.20	15.12	
	368.40	380.50	R/S	1	12.10		1.20	14.52	
	380.50	395.50	R/S	1	5.00		1.20	6.00	
	395.50	410.50	R/S	1	15.00		1.20	18.00	
	410.50	417.60	R/S	1	7.10		1.20	8.52	
	417.60	429.40	R/S	1	11.80		1.20	14.16	
	429.40	444.40	R/S	1	15.00		1.20	18.00	BS Slab
	444.40	454.20	R/S	1	9.80		1.20	11.76	BS Slab
	454.20	469.20	R/S	1	15.00		1.20	18.00	
	469.20	474.30	R/S	1	5.10		1.20	6.12	
	474.30	478.00	R/S	1	3.70		1.20	4.44	
	478.00	493.00	R/S	1	15.00		1.20	18.00	
	493.00	501.60	R/S	1	8.60		1.20	10.32	
	501.60	516.60	R/S	1	7.00		1.20	8.40	
	516.60	531.60	R/S	1	6.00		1.20	7.20	
	531.60	546.60	R/S	1	5.00		1.20	6.00	
	546.60	561.60	R/S	1	10.00		1.20	12.00	
	561.60	566.00	R/S	1	4.40		1.20	5.28	
	566.00	578.00	R/S	1	6.00		1.20	7.20	
								220.8	
							Total Quantity	**1179.30**	**Sqm**

Contractor

Consultant

Assistant Engineer

Assistant Excecutive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 19/08/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
36	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.12, Item No. 4.6 PWD SR 2016-17**								
	Railway Gate Parallel Road								
	13th Main Road (From Railway Parallel Road)								
	LHS								
	0.00	15.00	L/S	2	15.00	0.15	0.100	0.45	
	15.00	30.00	L/S	2	15.00	0.15	0.100	0.45	
	30.00	45.00	L/S	2	15.00	0.15	0.100	0.45	
	45.00	60.00	L/S	2	15.00	0.15	0.100	0.45	
	60.00	75.00	L/S	2	15.00	0.15	0.100	0.45	
	75.00	90.00	L/S	2	15.00	0.15	0.100	0.45	
	90.00	105.00	L/S	2	15.00	0.15	0.100	0.45	
	105.00	120.00	L/S	2	15.00	0.15	0.100	0.45	
	120.00	135.00	L/S	2	15.00	0.15	0.100	0.45	
	135.00	150.00	L/S	2	15.00	0.15	0.100	0.45	
	150.00	165.00	L/S	2	15.00	0.15	0.100	0.45	
	165.00	180.00	L/S	2	15.00	0.15	0.100	0.45	
	180.00	195.00	L/S	2	15.00	0.15	0.100	0.45	
	195.00	210.00	L/S	2	15.00	0.15	0.100	0.45	
	210.00	225.00	L/S	2	15.00	0.15	0.100	0.45	
	225.00	240.00	L/S	2	15.00	0.15	0.100	0.45	
	240.00	255.00	L/S	2	15.00	0.15	0.100	0.45	
	255.00	270.00	L/S	2	15.00	0.15	0.100	0.45	
	270.00	285.00	L/S	2	15.00	0.15	0.100	0.45	
	285.00	300.00	L/S	2	15.00	0.15	0.100	0.45	
	300.00	315.00	L/S	2	15.00	0.15	0.100	0.45	
	315.00	330.00	L/S	2	15.00	0.15	0.100	0.45	
	330.00	336.00	L/S	2	6.00	0.15	0.100	0.18	
	336.00	346.00	L/S	0	10.00	0.15	0.100	0.00	**Cross Road**
	346.00	361.00	L/S	2	15.00	0.15	0.100	0.45	
	361.00	376.00	L/S	2	15.00	0.15	0.100	0.45	
	376.00	391.00	L/S	2	15.00	0.15	0.100	0.45	
	391.00	406.00	L/S	2	15.00	0.15	0.100	0.45	
	406.00	421.00	L/S	2	15.00	0.15	0.100	0.45	

12.33

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 19/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	421.00	436.00	L/S	2	15.00	0.15	0.100	0.45	
	436.00	451.00	L/S	2	15.00	0.15	0.100	0.45	
	451.00	466.00	L/S	2	15.00	0.15	0.100	0.45	
	466.00	481.00	L/S	2	15.00	0.15	0.100	0.45	
	481.00	496.00	L/S	2	15.00	0.15	0.100	0.45	
	496.00	511.00	L/S	2	15.00	0.15	0.100	0.45	
	511.00	526.00	L/S	2	15.00	0.15	0.100	0.45	
	526.00	541.00	L/S	2	15.00	0.15	0.100	0.45	
	541.00	556.00	L/S	2	15.00	0.15	0.100	0.45	
	556.00	571.00	L/S	2	15.00	0.15	0.100	0.45	
	571.00	578.00	L/S	2	7.00	0.15	0.100	0.21	
	RHS								
	0.00	15.00	R/S	2	15.00	0.15	0.100	0.45	
	15.00	30.00	R/S	2	15.00	0.15	0.100	0.45	
	30.00	45.00	R/S	2	15.00	0.15	0.100	0.45	
	45.00	60.00	R/S	2	15.00	0.15	0.100	0.45	
	60.00	75.00	R/S	0	15.00	0.15	0.100	0.00	**Mud**
	75.00	90.00	R/S	2	15.00	0.15	0.100	0.45	
	90.00	105.00	R/S	2	15.00	0.15	0.100	0.45	
	105.00	120.00	R/S	2	15.00	0.15	0.100	0.45	
	120.00	135.00	R/S	2	15.00	0.15	0.100	0.45	
	135.00	150.00	R/S	2	15.00	0.15	0.100	0.45	
	150.00	158.00	R/S	2	8.00	0.15	0.100	0.24	
	158.00	168.00	R/S	2	10.00	0.15	0.100	0.30	
	168.00	183.00	R/S	2	15.00	0.15	0.100	0.45	
	183.00	198.00	R/S	2	15.00	0.15	0.100	0.45	
	198.00	213.00	R/S	0	15.00	0.15	0.100	0.00	**Cross Road**
	213.00	228.00	R/S	2	15.00	0.15	0.100	0.45	
	228.00	243.00	R/S	2	15.00	0.15	0.100	0.45	
	243.00	258.00	R/S	0	15.00	0.15	0.100	0.00	**Concrete**
	258.00	273.00	R/S	2	15.00	0.15	0.100	0.45	
	273.00	288.00	R/S	2	15.00	0.15	0.100	0.45	
	288.00	303.00	R/S	2	15.00	0.15	0.100	0.45	
	303.00	318.00	R/S	2	15.00	0.15	0.100	0.45	
	318.00	336.00	R/S	2	18.00	0.15	0.100	0.54	
	336.00	346.00	R/S	2	10.00	0.15	0.100	0.30	
	346.00	361.00	R/S	2	15.00	0.15	0.100	0.45	
	361.00	376.00	R/S	2	15.00	0.15	0.100	0.45	
	376.00	391.00	R/S	2	15.00	0.15	0.100	0.45	

Contractor

Consultant

Assistant Engineer

15.09

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 19/8/2020.

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	391.00	406.00	R/S	2	15.00	0.15	0.100	0.45	
	406.00	421.00	R/S	2	15.00	0.15	0.100	0.45	
	421.00	436.00	R/S	2	15.00	0.15	0.100	0.45	
	436.00	451.00	R/S	0	15.00	0.15	0.100	0.00	Cross Road
	451.00	466.00	R/S	2	15.00	0.15	0.100	0.45	
	466.00	481.00	R/S	2	15.00	0.15	0.100	0.45	
	481.00	496.00	R/S	2	15.00	0.15	0.100	0.45	
	496.00	511.00	R/S	2	15.00	0.15	0.100	0.45	
	511.00	526.00	R/S	2	15.00	0.15	0.100	0.45	
	526.00	541.00	R/S	2	15.00	0.15	0.100	0.45	
	541.00	556.00	R/S	2	15.00	0.15	0.100	0.45	
	556.00	571.00	R/S	2	15.00	0.15	0.100	0.45	
	571.00	578.00	R/S	2	7.00	0.15	0.100	0.21	5.16
							Total Quantity	32.58	Cum

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 22/08/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
37	Providing **precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate								
	Railway Gate Parallel Road								
	13th Main Road (From Railway Parallel Road)								
	Missing Slabs								
	LHS								
	90.00	105.00	L/S	1	5.00	1.20		6.00	
	150.00	165.00	L/S	1	7.00	1.20		8.40	
	225.00	240.00	L/S	1	5.00	1.20		6.00	
	285.00	300.00	L/S	1	9.00	1.20		10.80	
	391.00	406.00	L/S	1	5.00	1.20		6.00	
	436.00	451.00	L/S	1	7.00	1.20		8.40	
	481.00	496.00	L/S	1	5.00	1.20		6.00	
	526.00	541.00	L/S	1	10.00	1.20		12.00	
	RHS								
	0.00	15.00	R/S	1	8.00	1.20		9.60	
	30.00	45.00	R/S	1	5.00	1.20		6.00	
	58.00	73.00	R/S	1	9.00	1.20		10.80	
	201.00	216.00	R/S	1	7.00	1.20		8.40	
	380.50	395.50	R/S	1	10.00	1.20		12.00	
	501.60	516.60	R/S	1	8.00	1.20		9.60	
	516.60	531.60	R/S	1	9.00	1.20		10.80	
	531.60	546.60	R/S	1	10.00	1.20		12.00	
	546.60	561.60	R/S	1	5.00	1.20		6.00	
	566.00	578.00	R/S	1	6.00	1.20		7.20	
	20th Cross Road								
	School Vivekananda Play Ground								
	LHS								
	0.00	15.00	L/S	1	15.00	1.20		18.00	
	15.00	30.00	L/S	1	15.00	1.20		18.00	
	30.00	45.00	L/S	1	15.00	1.20		18.00	
	45.00	60.00	L/S	1	15.00	1.20		18.00	
	60.00	66.00	L/S	1	6.00	1.20		7.20	
	RHS								
	0.00	15.00	R/S	1	15.00	1.20		18.00	
	15.00	30.00	R/S	1	15.00	1.20		18.00	271.2

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 22/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	30.00	45.00	R/S	1	15.00	1.20		18.00	
	45.00	60.00	R/S	1	15.00	1.20		18.00	
	60.00	65.00	R/S	1	5.00	1.20		6.00	42
							Total Quantity	313.20	Sqm

Contractor

Consultant

Assistant Engineer

Assistant Excecutive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 28/08/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
38	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete **Page No. 25 / Item No. 5.30 PWD SR 2016-17**								
	Railway Gate Parallel Road								
	13th Main Road (From Railway Parallel Road)								
	LHS								
	0.00	15.00	L/S	1	3.00			3.00	
	45.00	60.00	L/S	1	4.00			4.00	
	90.00	105.00	L/S	0	10.00			0.00	**No Kerb**
	135.00	150.00	L/S	1	8.00			8.00	
	150.00	165.00	L/S	1	3.00			3.00	
	165.00	180.00	L/S	1	4.00			4.00	
	255.00	270.00	L/S	1	8.00			8.00	
	270.00	285.00	L/S	1	4.00			4.00	
	285.00	300.00	L/S	1	6.00			6.00	
	300.00	315.00	L/S	1	5.00			5.00	
	315.00	330.00	L/S	1	7.00			7.00	
	336.00	346.00	L/S	0	10.00			0.00	**Cross Road**
	346.00	361.00	L/S	1	8.00			8.00	
	361.00	376.00	L/S	1	5.00			5.00	
	376.00	391.00	L/S	1	4.00			4.00	
	391.00	406.00	L/S	1	6.00			6.00	
	451.00	466.00	L/S	1	5.00			5.00	
	466.00	481.00	L/S	1	7.00			7.00	
	481.00	496.00	L/S	1	6.00			6.00	
	496.00	511.00	L/S	1	5.00			5.00	
	511.00	526.00	L/S	1	5.00			5.00	
	541.00	556.00	L/S	0	15.00			0.00	**No Kerb**
	556.00	571.00	L/S	0	15.00			0.00	**No Kerb**
	571.00	578.00	L/S	1	7.00			7.00	
	RHS								
	0.00	15.00	R/S	1	15.00			15.00	
	28.00	45.00	R/S	1	17.00			17.00	
	45.00	52.00	R/S	1	7.00			7.00	
	52.00	58.00	R/S	1	6.00			6.00	
	58.00	73.00	R/S	1	15.00			15.00	

Contractor Consultant Assistant Engineer Assistant Executive Engineer

170

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 28/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	73.00	88.00	R/S	1	15.00			15.00	
	88.00	99.00	R/S	1	11.00			11.00	
	99.00	113.00	R/S	1	14.00			14.00	
	113.00	119.00	R/S	1	6.00			6.00	
	119.00	134.00	R/S	1	15.00			15.00	
	134.00	141.00	R/S	1	7.00			7.00	
	144.00	150.00	R/S	1	6.00			6.00	
	153.00	158.00	R/S	1	5.00			5.00	
	169.00	184.00	R/S	1	15.00			15.00	
	184.00	190.00	R/S	1	6.00			6.00	
	193.00	205.00	R/S	1	12.00			12.00	
	211.00	225.00	R/S	1	14.00			14.00	
	228.00	243.00	R/S	0	15.00			0.00	No Kerb
	243.00	258.00	R/S	0	15.00			0.00	No Kerb
	258.00	275.00	R/S	0	17.00			0.00	No Kerb
	279.00	280.00	R/S	0	1.00			0.00	No Kerb
	285.00	287.00	R/S	1	2.00			2.00	
	291.00	300.00	R/S	1	9.00			9.00	
	320.00	331.00	R/S	1	11.00			11.00	
	331.00	336.00	R/S	0	5.00			0.00	No Kerb
	336.00	353.00	R/S	0	17.00			0.00	No Kerb
	353.00	361.00	R/S	1	8.00			8.00	
	361.00	369.00	R/S	1	8.00			8.00	
	369.00	387.00	R/S	1	18.00			18.00	
	399.00	414.00	R/S	1	15.00			15.00	
	414.00	429.00	R/S	1	15.00			15.00	
	429.00	436.00	R/S	1	7.00			7.00	
	461.00	472.00	R/S	1	11.00			11.00	
	488.00	503.00	R/S	1	14.00			14.00	
	503.00	509.00	R/S	0	6.00			0.00	No Kerb
									244
								414.00	**Rm**
							div 0.45		
							Total Quantity	**920.00**	**No**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 29/08/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
39	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 122 / Item No. Item No. 15.80, PWD SR 2016-17**								
	Kerb Stone Painting								
	Railway Gate Parallel Road								
	13th Main Road (From Railway Parallel Road)								
	LHS								
	0.00	15.00	L/S	1	3.00		0.45	1.35	
	45.00	60.00	L/S	1	4.00		0.45	1.80	
	90.00	105.00	L/S	0	10.00		0.45	0.00	**No Kerb**
	135.00	150.00	L/S	1	8.00		0.45	3.60	
	150.00	165.00	L/S	1	3.00		0.45	1.35	
	165.00	180.00	L/S	1	4.00		0.45	1.80	
	255.00	270.00	L/S	1	8.00		0.45	3.60	
	270.00	285.00	L/S	1	4.00		0.45	1.80	
	285.00	300.00	L/S	1	6.00		0.45	2.70	
	300.00	315.00	L/S	1	5.00		0.45	2.25	
	315.00	330.00	L/S	1	7.00		0.45	3.15	
	336.00	346.00	L/S	0	10.00		0.45	0.00	**Cross Road**
	346.00	361.00	L/S	1	8.00		0.45	3.60	
	361.00	376.00	L/S	1	5.00		0.45	2.25	
	376.00	391.00	L/S	1	4.00		0.45	1.80	
	391.00	406.00	L/S	1	6.00		0.45	2.70	
	451.00	466.00	L/S	1	5.00		0.45	2.25	
	466.00	481.00	L/S	1	7.00		0.45	3.15	
	481.00	496.00	L/S	1	6.00		0.45	2.70	
	496.00	511.00	L/S	1	5.00		0.45	2.25	
	511.00	526.00	L/S	1	5.00		0.45	2.25	
	541.00	556.00	L/S	0	15.00		0.45	0.00	**No Kerb**
	556.00	571.00	L/S	0	15.00		0.45	0.00	**No Kerb**
	571.00	578.00	L/S	1	7.00		0.45	3.15	
	RHS								
	0.00	15.00	R/S	1	15.00		0.45	6.75	
	28.00	45.00	R/S	1	17.00		0.45	7.65	
	45.00	52.00	R/S	1	7.00		0.45	3.15	
	52.00	58.00	R/S	1	6.00		0.45	2.70	
	58.00	73.00	R/S	1	15.00		0.45	6.75	

76.50

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 29/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	73.00	88.00	R/S	1	15.00		0.45	6.75	
	88.00	99.00	R/S	1	11.00		0.45	4.95	
	99.00	113.00	R/S	1	14.00		0.45	6.30	
	113.00	119.00	R/S	1	6.00		0.45	2.70	
	119.00	134.00	R/S	1	15.00		0.45	6.75	
	134.00	141.00	R/S	1	7.00		0.45	3.15	
	144.00	150.00	R/S	1	6.00		0.45	2.70	
	153.00	158.00	R/S	1	5.00		0.45	2.25	
	169.00	184.00	R/S	1	15.00		0.45	6.75	
	184.00	190.00	R/S	1	6.00		0.45	2.70	
	193.00	205.00	R/S	1	12.00		0.45	5.40	
	211.00	225.00	R/S	1	14.00		0.45	6.30	
	228.00	243.00	R/S	0	15.00		0.45	0.00	No Kerb
	243.00	258.00	R/S	0	15.00		0.45	0.00	No Kerb
	258.00	275.00	R/S	0	17.00		0.45	0.00	No Kerb
	279.00	280.00	R/S	0	1.00		0.45	0.00	No Kerb
	285.00	287.00	R/S	1	2.00		0.45	0.90	
	291.00	300.00	R/S	1	9.00		0.45	4.05	
	320.00	331.00	R/S	1	11.00		0.45	4.95	
	331.00	336.00	R/S	0	5.00		0.45	0.00	No Kerb
	336.00	353.00	R/S	0	17.00		0.45	0.00	No Kerb
	353.00	361.00	R/S	1	8.00		0.45	3.60	
	361.00	369.00	R/S	1	8.00		0.45	3.60	
	369.00	387.00	R/S	1	18.00		0.45	8.10	
	399.00	414.00	R/S	1	15.00		0.45	6.75	
	414.00	429.00	R/S	1	15.00		0.45	6.75	
	429.00	436.00	R/S	1	7.00		0.45	3.15	
	461.00	472.00	R/S	1	11.00		0.45	4.95	
	488.00	503.00	R/S	1	14.00		0.45	6.30	
	503.00	509.00	R/S	0	6.00		0.45	0.00	No Kerb
	20th Cross Road								
	School Vivekananda Play Ground								
	LHS								
	0.00	15.00	L/S	1	15.00		0.45	6.75	
	15.00	30.00	L/S	1	15.00		0.45	6.75	
	30.00	45.00	L/S	1	15.00		0.45	6.75	
	45.00	60.00	L/S	1	15.00		0.45	6.75	
	60.00	66.00	L/S	1	6.00		0.45	2.70	

139.5

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 29/8/2020

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	RHS								
	0.00	15.00	R/S	1	15.00		0.45	6.75	
	15.00	30.00	R/S	1	15.00		0.45	6.75	
	30.00	45.00	R/S	1	15.00		0.45	6.75	
	45.00	60.00	R/S	1	15.00		0.45	6.75	
	60.00	65.00	R/S	1	5.00		0.45	2.25	
	Cross Road Sahakaranagar								
	LHS								
	0.00	15.00	L/S	1	15.00		0.45	6.75	
	15.00	30.00	L/S	1	15.00		0.45	6.75	
	30.00	45.00	L/S	1	15.00		0.45	6.75	
	45.00	60.00	L/S	1	15.00		0.45	6.75	
	60.00	75.00	L/S	1	15.00		0.45	6.75	
	75.00	90.00	L/S	1	15.00		0.45	6.75	
	90.00	105.00	L/S	1	15.00		0.45	6.75	
	105.00	120.00	L/S	1	15.00		0.45	6.75	
	120.00	135.00	L/S	1	15.00		0.45	6.75	
	135.00	150.00	L/S	1	15.00		0.45	6.75	
	150.00	165.00	L/S	1	15.00		0.45	6.75	
	165.00	180.00	L/S	1	15.00		0.45	6.75	
	180.00	195.00	L/S	1	15.00		0.45	6.75	
	195.00	210.00	L/S	1	15.00		0.45	6.75	
	210.00	225.00	L/S	1	15.00		0.45	6.75	
	225.00	240.00	L/S	1	15.00		0.45	6.75	
	240.00	255.00	L/S	1	15.00		0.45	6.75	
	255.00	270.00	L/S	1	15.00		0.45	6.75	
	270.00	285.00	L/S	1	15.00		0.45	6.75	
	285.00	300.00	L/S	1	15.00		0.45	6.75	
	300.00	315.00	L/S	1	15.00		0.45	6.75	
	RHS								
	0.00	15.00	R/S	1	15.00		0.45	6.75	
	15.00	30.00	R/S	1	15.00		0.45	6.75	
	30.00	45.00	R/S	1	15.00		0.45	6.75	
	45.00	60.00	R/S	1	15.00		0.45	6.75	
	60.00	75.00	R/S	1	15.00		0.45	6.75	
	75.00	90.00	R/S	1	15.00		0.45	6.75	
	90.00	105.00	R/S	1	15.00		0.45	6.75	
	105.00	120.00	R/S	1	15.00		0.45	6.75	225

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 29/8/2020.

Sl No	Description of item /Chainage		Side	No	L	B	D	Qty	Remarks
	120.00	135.00	R/S	1	15.00		0.45	6.75	✓
	135.00	150.00	R/S	1	15.00		0.45	6.75	✓
	150.00	165.00	R/S	1	15.00		0.45	6.75	✓
	165.00	180.00	R/S	1	15.00		0.45	6.75	✓
	180.00	195.00	R/S	1	15.00		0.45	6.75	✓
	195.00	210.00	R/S	1	15.00		0.45	6.75	✓
	210.00	225.00	R/S	1	15.00		0.45	6.75	✓
	225.00	240.00	R/S	1	15.00		0.45	6.75	✓
	240.00	255.00	R/S	1	15.00		0.45	6.75	✓
	255.00	270.00	R/S	1	15.00		0.45	6.75	✓
	270.00	285.00	R/S	1	15.00		0.45	6.75	✓
	285.00	300.00	R/S	1	15.00		0.45	6.75	✓
									81
							Total Quantity	**522.00**	✓ **Sqm**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of work: Improvements to Footpath and Drains at Sahakaranagara in Ward No. 08, Kodigehalli.

Measurements recorded on 29/08/2020

Sl No	Description of item /Chainage	Side	No	L	B	D	Qty	Remarks
40	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.**Page No. 122 / Item No. Item No. 15.81, PWD SR 2016-17**							
				Qty Vide Item No. 8			522.00	
						Total Quantity	**522.00**	**Sqm**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

WORK - 4

Name of Work: Repairs and Maintenance of Public Toilet in Ward No. 08, Kodigehalli.

008-18-000041

2nd & final

Bruhat Bangalore Mahanagara Palike

YELAHANKA ZONE-BYATARAYANAPURA DIVISION

Job Code :- 008-18-000041

Name of Agency :- K.BABU RAJU

Bill No :- Second and Final Bill

Name of Work: Repairs and Maintenance of Public Toilet in Ward No. 08, Kodigehalli.

Measurements recorded on 03/09/2020

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
53	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 Page No. 25 / Item No. 5.26.2, PWD SR 2016-17									
	Sahakaranagar Tiolet									
	Small Chamber at Tiolet Corridor		1	3.45				0.40	1.38	
							Total Quantity		**1.38**	**Sqm**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

Name of Work: Repairs and Maintenance of Public Toilet in Ward No. 08, Kodigehalli.										
Measurements recorded on 18/09/2020										
BOQ Item No	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
71	KSRB 7.1 : Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. Specification No. KBS 7.7 / 7.12 Page No. 30, Item No. 7.1, PWD SR 2016-17									
	Sahakaranaga Tiolet		2	1.45				1.70	4.93	
							Total Quantity		4.93	
						Quantity Limited to			4.80	Sq-m

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Name of Work: Repairs and Maintenance of Public Toilet in Ward No. 08, Kodigehalli.										
Measurements recorded on 10/09/2020										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
84	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2016-17)									
	Sahakaranaga Tiolet		2						2.00	
			1						1.00	
	Tatanagara Tiolet		2						2.00	
									5.00	**Nos**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

WORK-6

Name of Work: - Providing Drinking Water Facility in Ward No. 08, Kodigehalli.

008-18-000039

2nd & Final

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE-BYATARAYANAPURA DIVISION

Job Code :- 008-18-000039

Name of Agency :- (K.BABU RAJU) m/s. K.B.R. Infotech Limited

Bill No :- Second & Final Bill

Name of Work :- Providing Drinking Water Facility in Ward No. 08, Kodigehalli.

Measurements recorded on 11/08/2020

Sl No	Description of item	No	L	B	D	Qty	Remarks
29	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including sharing and strutting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. **Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil**						
	Near Outer Ring Road	1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
	LKR Nagar	1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
		1	25.00	0.60	0.75	11.25	
	Cross Road (Rebell Fittness)	1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
		1	10.00	0.60	0.75	4.50	
	Cross Road (Renuka Textile)	1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
		1	10.00	0.60	0.75	4.50	
	Cross Road (K.S Enterprises)	1	30.00	0.60	0.75	13.50	
		1	30.00	0.60	0.75	13.50	
		1	20.00	0.60	0.75	9.00	
					Total Quantity	191.25	Cum

Contractor

Consultant

Assistant Engineer

Verified

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of Work :- Providing Drinking Water Facility in Ward No. 08, Kodigehalli.								
Measurements recorded on 22/08/2020								
Sl No	Description of item	No	L	B	D	Qty	Remarks
30	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.15 item No.3.4.2 b PRED SR 2012-13.**						
	75 mm dia 6 KSC PVC pipe						
	Near Outer Ring Road	1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
	LKR Nagar	1	30.00			30.00	
		1	30.00			30.00	
		1	25.00			25.00	
	Cross Road (Rebell Fittness)	1	30.00			30.00	
		1	30.00			30.00	
		1	10.00			10.00	
	Cross Road (Renuka Textile)	1	30.00			30.00	
		1	30.00			30.00	
		1	10.00			10.00	
	Cross Road (K.S Enterprises)	1	30.00			30.00	
		1	30.00			30.00	
		1	20.00			20.00	
				Total Quantity		**425.00**	**Rmtr**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Detailed Measurement

Name of Work :- Providing Drinking Water Facility in Ward No. 08, Kodigehalli.

Measurements recorded on 21/08/2020

Sl No	Description of item	No	L	B	D	Qty	Remarks
31	KSRRB M1200-46. Sand filling in wells complete as per drawing and technical specifications MORTH Specification No.1207 Page No. 213, **Page No. 26.124, PWD SR 2016-17**						
	Near Outer Ring Road	1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
	LKR Nagar	1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	25.00	0.60	0.30	4.50	
	Cross Road (Rebell Fittness)	1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	10.00	0.60	0.30	1.80	
	Cross Road (Renuka Textile)	1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	10.00	0.60	0.30	1.80	
	Cross Road (K.S Enterprises)	1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	20.00	0.60	0.30	3.60	
					Total Quantity	**76.50**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name of Work :- Providing Drinking Water Facility in Ward No. 08, Kodigehalli.								
Measurements recorded on 22/08/2020								
Sl No	Description of item		No	L	B	D	Qty	Remarks
32	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs **Page No. 3 / Item No. 1.6 / PRED**							
			Qty. Vide Item No. 29-31				114.75	Cum

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Work - 7

Name of Work: Providing Drinking Water Facility in Maruthinagara and Devinagara in Ward No. 08, Kodigehalli.

008-18-000040

2nd & Final

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE-BYATARAYANAPURA DIVISION

Job Code :- 008-18-000040

Name of Agency :- (K.BABU RAJU) M/s. K.B.R. Infratech Limited

Bill No :- Second and Final Bill

Name of Work: Providing Drinking Water Facility in Maruthinagara and Devinagara in Ward No. 08, Kodigehalli.

Measurements recorded on 11/08/2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Remarks
29	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including sharing and strutting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. **Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil**							
	at Rmv Cluster Road		1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
	Cross Road (Ganesh Darshini)		1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	8.00	0.60	0.75	3.60	
	at Sai baba Temple Road		1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	10.00	0.60	0.75	4.50	
	Cross Road (Mamatha Textile)		1	30.00	0.60	0.75	13.50	
			1	17.00	0.60	0.75	7.65	
	Muneshwara Temple		1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	10.00	0.60	0.75	4.50	
	1st Cross Road		1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	5.00	0.60	0.75	2.25	
	2nd Cross Road		1	30.00	0.60	0.75	13.50	
			1	30.00	0.60	0.75	13.50	
			1	5.00	0.60	0.75	2.25	
					Total Quantity		**227.25**	**Cum**

Contractor

Consultant

Assistant Engineer

Verified

Assistant Executive Engineer

Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name of Work: Providing Drinking Water Facility in Maruthinagara and Devinagara in Ward No. 08, Kodigehalli.

Measurements recorded on 22/08/2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Remarks
30	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.15 item No.3.4.2 b PRED SR 2012-13.**							
	75 mm dia 6 KSC PVC pipe							
	at Rmv Cluster Road		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
	Cross Road (Ganesh Darshini)		1	30.00			30.00	
			1	30.00			30.00	
			1	8.00			8.00	
	at Sai baba Temple Road		1	30.00			30.00	
			1	30.00			30.00	
			1	10.00			10.00	
	Cross Road (Mamatha Textile)		1	30.00			30.00	
			1	17.00			17.00	
	Muneshwara Temple		1	30.00			30.00	
			1	30.00			30.00	
			1	10.00			10.00	
	1st Cross Road		1	30.00			30.00	
			1	30.00			30.00	
			1	5.00			5.00	
	2nd Cross Road		1	30.00			30.00	
			1	30.00			30.00	
			1	5.00			5.00	
					Total Quantity		**505.00**	**Rmtr**

Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name of Work: Providing Drinking Water Facility in Maruthinagara and Devinagara in Ward No. 08, Kodigehalli.

Measurements recorded on 21/08/2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Remarks
31	KSRRB M1200-46. Sand filling in wells complete as per drawing and technical specifications MORTH Specification No.1207 Page No. 213, **Page No. 26.124, PWD SR 2016-17**							
	at Rmv Cluster Road		1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
	Cross Road (Ganesh Darshini)		1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	8.00	0.60	0.30	1.44	
	at Sai baba Temple Road		1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	10.00	0.60	0.30	1.80	
	Cross Road (Mamatha Textile)		1	30.00	0.60	0.30	5.40	
			1	17.00	0.60	0.30	3.06	
	Muneshwara Temple		1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	10.00	0.60	0.30	1.80	
	1st Cross Road		1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	5.00	0.60	0.30	0.90	
	2nd Cross Road		1	30.00	0.60	0.30	5.40	
			1	30.00	0.60	0.30	5.40	
			1	5.00	0.60	0.30	0.90	
					Total Quantity		**90.90**	**Cum**

Contractor Consultant Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name of Work: Providing Drinking Water Facility in Maruthinagara and Devinagara in Ward No. 08, Kodigehalli.

Measurements recorded on 22/08/2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Remarks
32	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs **Page No. 3 / Item No. 1.6 / PRED SR 2012-13**							
			Qty. Vide Item No. 29-31				**136.35**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Work - 8

Name of Work: - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.

008-18-000037

2nd & final Bill

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 008-18-000037

Name of Agency :- (K. BABU RAJU) M/S. K.B.R. Infratech Limited

Bill No :- ~~First and Part Bill~~ 2nd & final Bill

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.

Measurements recorded on 16/08/2020

BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
46	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Page No. 5 / Item No. 2.1 of PWD SR 2016-17									
	Over Burdan Earth									
			1	6.00			4.15	0.30	7.47	
							Total Quantity		7.47	cu-m

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 16/08/2020										
BOQ Item	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
47	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR 2016-17									
	Sahakaranagar Tiolet									
	Entarnce		1	4.00			2.60	0.15	1.56	
							Total Quantity		**1.56**	
						Quantity Limited to			**0.00**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 14/08/2020										
BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
48	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17									
	Sahakaranagar Tiolet									
	Entarnce									
			1	4.00			2.60	0.15	1.56	
							Total Quantity		**1.56**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 18/08/2020										
BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
49	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17									
	Existing Culvert Raising	2	1	4.00			0.45	0.23	0.83	
							Total Quantity		0.83	
							Quantity Limited to		**0.51**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 19/05/2020										
BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
51	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.6 PWD SR 2016-17									
	Sahakaranagar									
	Entarnce									
			1	4.00			2.60	0.10	1.04	
							Total Quantity		**1.04**	
							Quantity Limited to		**0.92**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 19/08/2020										
BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
52	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.1, PWD SR 2016-17									
	Sahakaranagar Tiolet									
	Existing Culvert Raising									
			2	4.00				0.90	7.20	
							Total Quantity		**7.20**	**Sqm**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 06/09/2020										
BOQ Item	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
55	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17									
	Painting of Existing Compound Wall									
		2	2	10.00				2.00	80.00	
		2	2	15.00				2.00	120.00	
							Total Quantity		**200.00**	**Sq-m**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 06/09/2020										
BOQ Item	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
69	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17									
	Out Side Wall Painting									
			2	3.65				0.40	2.92	
			2	2.60				1.50	7.80	
							Total Quantity		**10.72**	**Sqm**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore

Name Of work : - Improvements Works to Burial Ground at Kodigehalli in Ward No. 08, Kodigehalli.										
Measurements recorded on 08/09/2020										
BOQ Item	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
56	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. Page. No. 43 / Item. No. 7.37 PWD SR 2016-17									
	Gate-1		1	2				2.00	4.00	
	Gate-2		1	1				1.70	1.70	
							Total Quantity		5.70	Sqm

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.